*Meeting of the Informal Advisory Committee to the Clearing-House Mechanism (CHM-IAC)*

*13 - 14 June 2014* *Montreal, Canada*

# *Progress in the development of the Central Clearing-House Mechanism*

*Olivier de Munck, CHM Programme Officer, CBD Secretariat*
*Kata Koppel, Documentation Officer, CBD Secretariat*
*Sandra Meehan, CHM Programme Assistant, CBD Secretariat*

United Nations Decade on Biodiversity

Central CHM

## Contents


- Introduction
- CBD Website
- Information Services
- Formats & Metadata
- Final comments


CHM



# Contents


1. Introduction
2. CBD Website
3. CHM Information Services
4. Common Formats and Metadata
5. Comments

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# Introduction

- **Unified IT team**
  - SCBD Decision after COP 11 (December 2012)
  - Responsible for the IT implementation of the 3 clearing-houses
  - Priorities set by Senior Management
- **CBD Website Maintenance**
  - Content updates
  - Content translation
- **IT Development**
  - For new CHM information services
  - For other SCBD IT needs (e.g. meeting registration)

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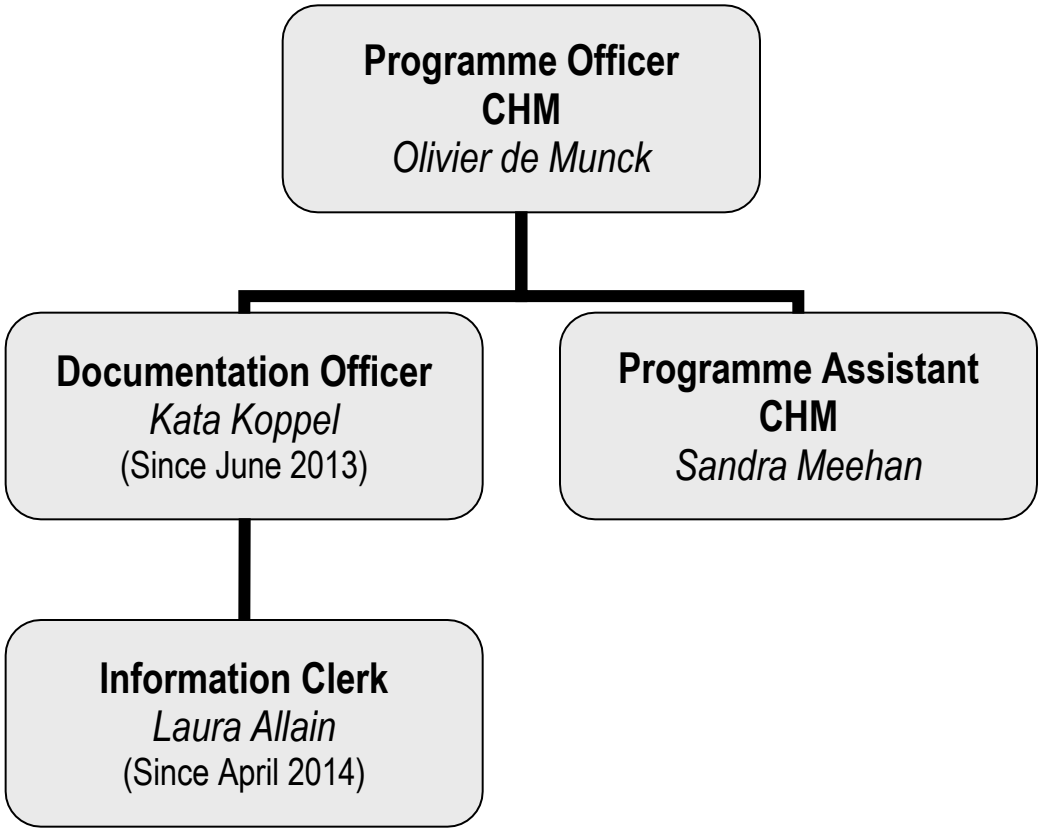
# Our Team



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# CBD Website

- **Updated on an ongoing basis**
  - 2000+ web posting since COP 11

- **Main updated pages / sections**
  - The home page (www.cbd.int)
  - NBSAP pages (www.cbd.int/nbsap)
  - Pages on the preparation of the 5th NR (www.cbd.int/nr5)
  - Nagoya Protocol web portal (www.cbd.int/abs)
  - UNDB web portal (www.cbd.int/2011-2020)
  - IDB 2013 and 2104 (www.cbd.int/idb)
  - Online version of the latest decisions (www.cbd.int/decisions) and recommendations (www.cbd.int/recommendations);
  - Biodiversity Champions and pledges (www.cbd.int/champions/list);
  - Several thematic web portals:
    - Biodiversity for Development (www.cbd.int/development)
    - Platform on Business and Biodiversity (www.cbd.int/business)
    - Protected Areas (www.cbd.int/protected).

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# CBD Website - Translation

- **Small allocation from SCBD budget**
  **+ Support from Japan and Canada (voluntary budget)**

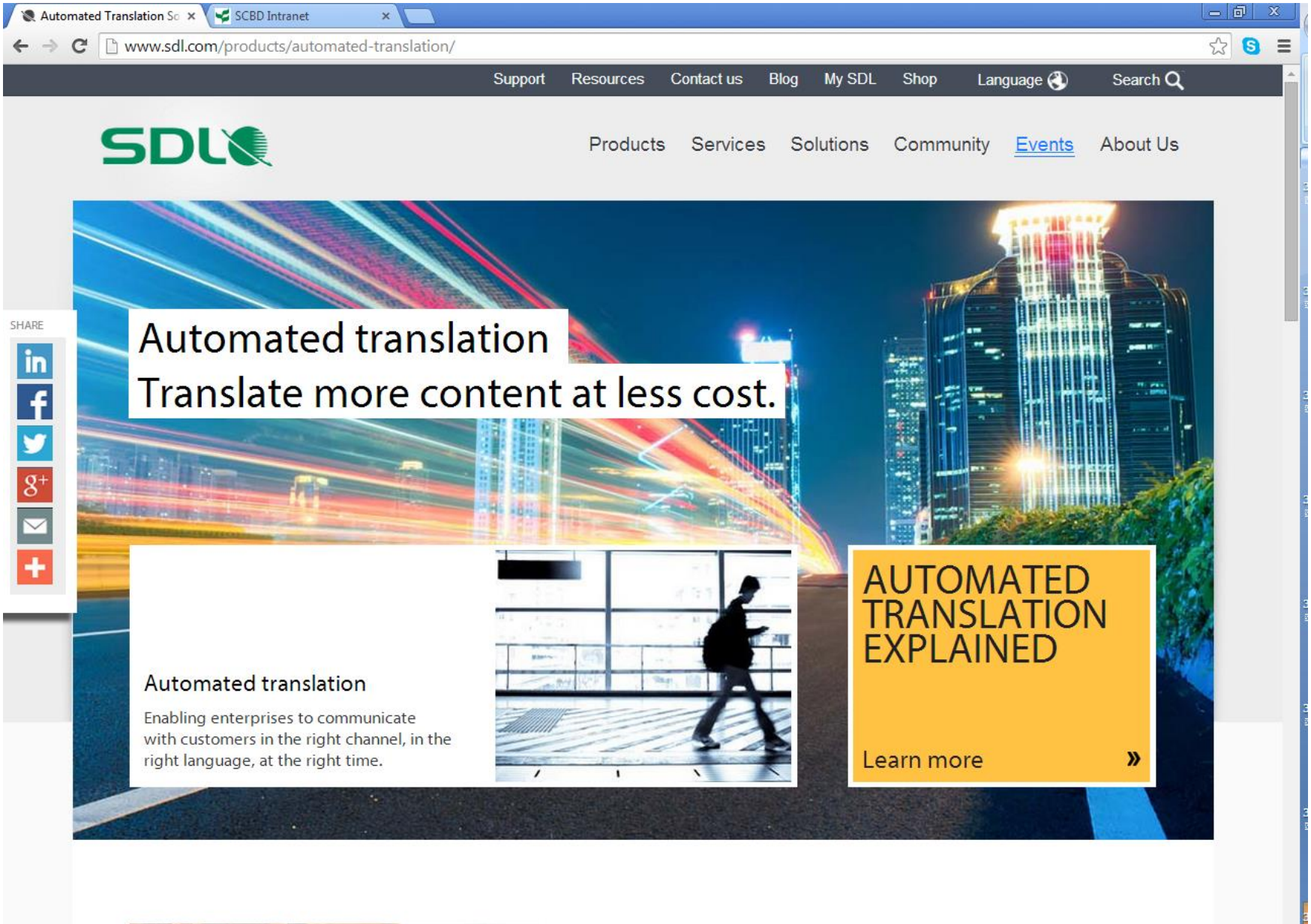
- **875,000+ words translated computer assisted translation (CAT)**

| Target language | Translated words |
|---|---|
| Arabic | 195,217 |
| French | 190,450 |
| Russian | 231,672 |
| Spanish | 258,000 |
| **Total:** | **875,339** |

Notes: - Up to March 2014
- Currently lacking approved Chinese translator

- **Content prioritization**
  1. Strategic Plan (www.cbd.int/sp) & Aichi Targets (www.cbd.int/sp/targets)
  2. Recently updated web pages and sections

# SDL Trados - www.sdl.com



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# CHM Information Services

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**Online systems development priorities (set after COP 11)**

- Pilot phase of the ABS-CH (Top priority)
- Online reporting system on
  - progress towards national targets & the Aichi Biodiversity Targets
  - resource mobilization for biodiversity
- Online library for biodiversity-related resources
- Repository and information sharing mechanism for ecologically or biologically significant marine areas (EBSAs)

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# CHM Information Services

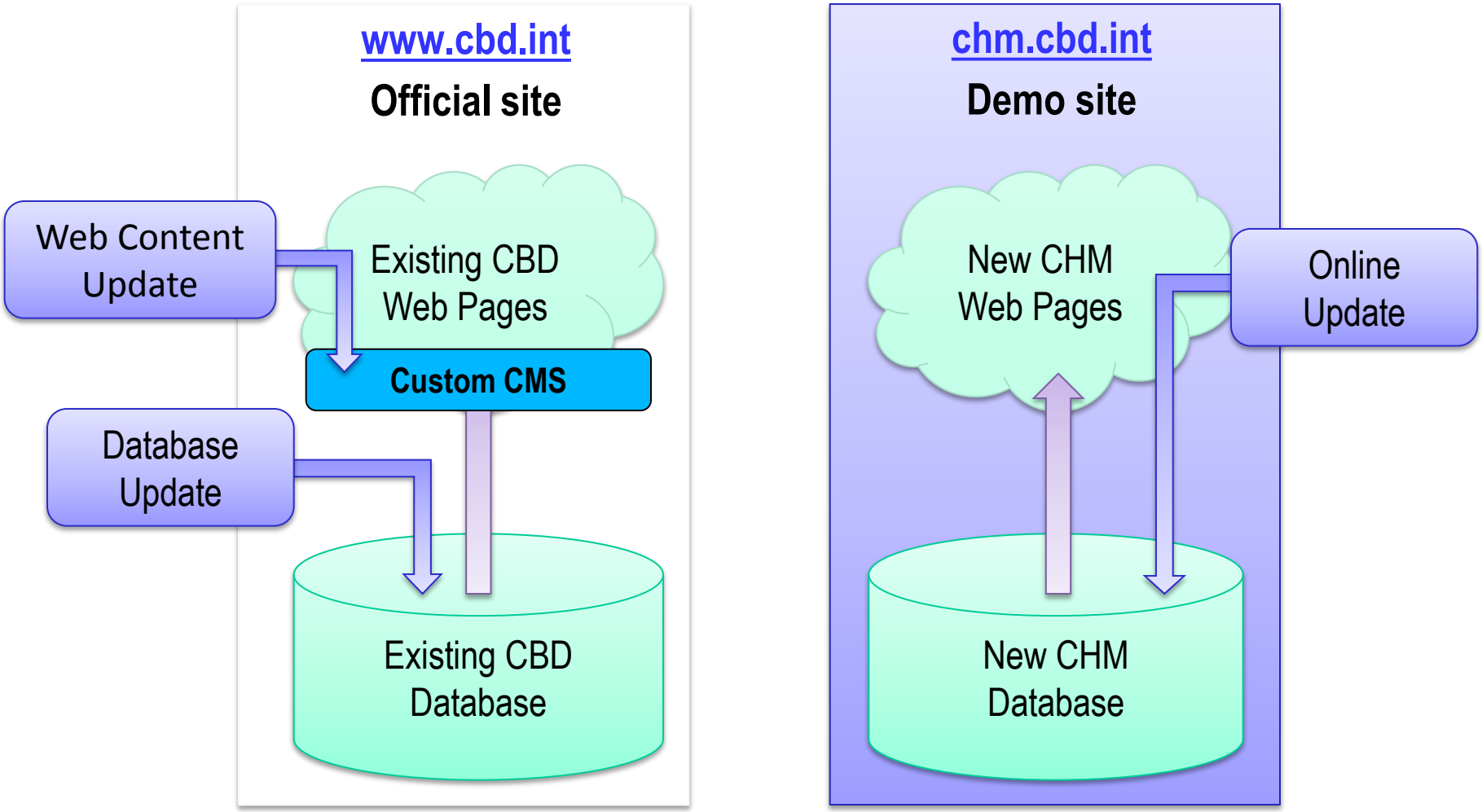
**Progress in development of CHM information Services**

- ABS-CH online at http://absch.cbd.int
  →Separate presentation
- EBSA online at http://www.cbd.int/ebsa
- Demonstration of other information services at http://chm.cbd.int (online library & reporting).

**Common infrastructure with the following components:**

- A faceted search engine to find information http://chm.cbd.int/database
- An online submission system (accessed with CBD user account) http://chm.cbd.int/management
- CBD User account component http://accounts.cbd.int
- Application programming interface (API) enabling interoperability

# Current Web & Database Infrastructure



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# Level 4 – Information exchange mechanism

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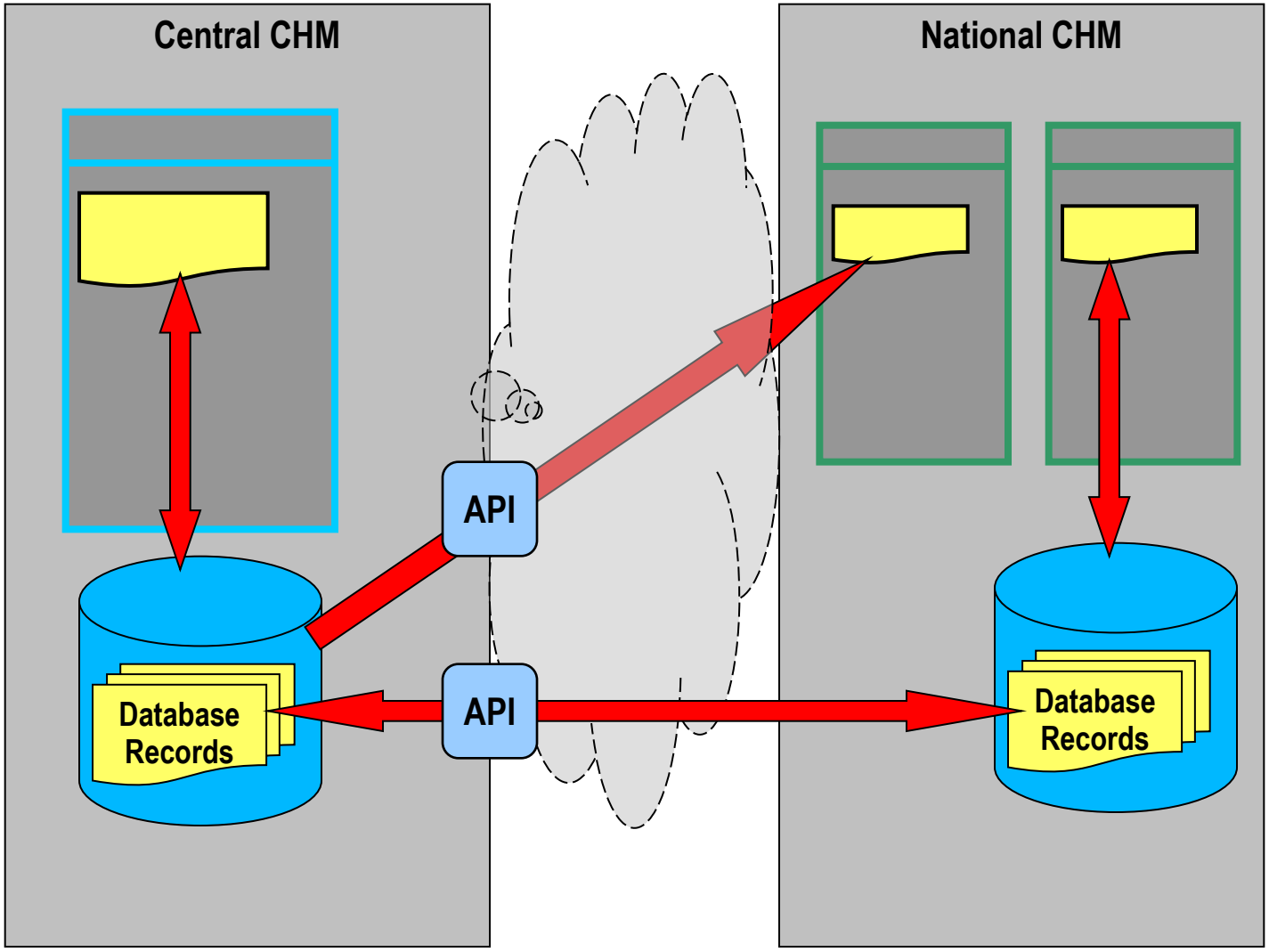
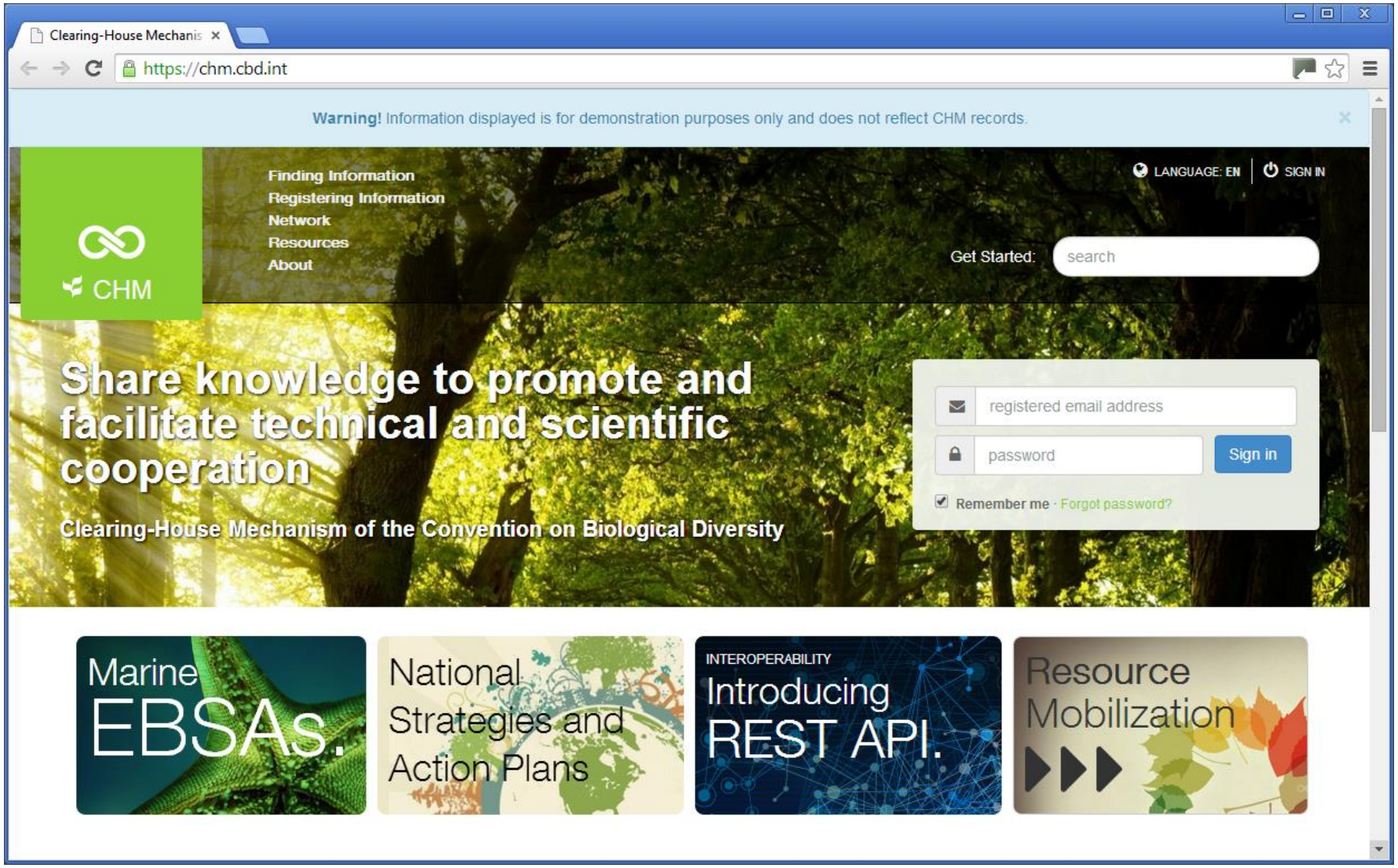
## Interconnection & Interoperability



# http://chm.cbd.int



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# Creating a CBD User Account

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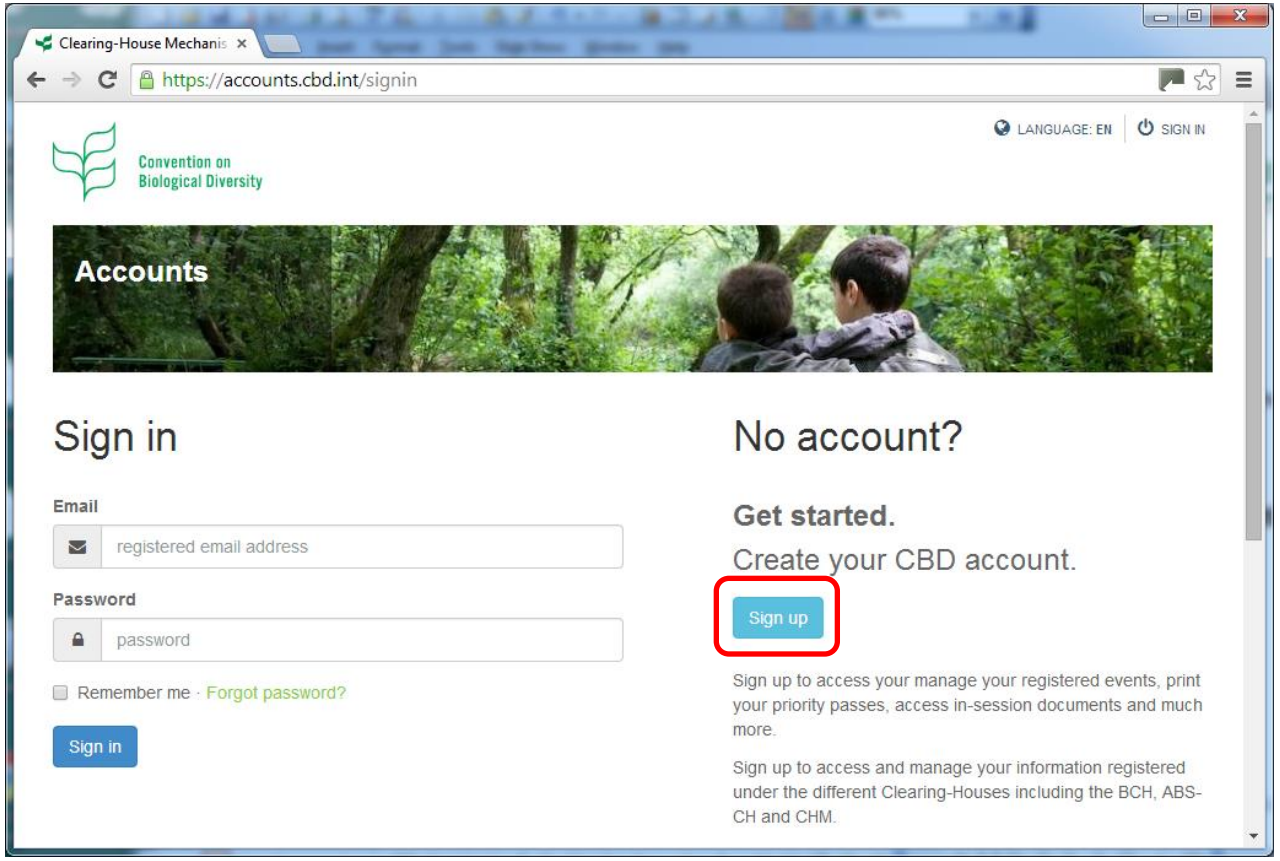
https://accounts.cbd.int

- Sign up
- Fill Form and submit it
- Wait for email and validate

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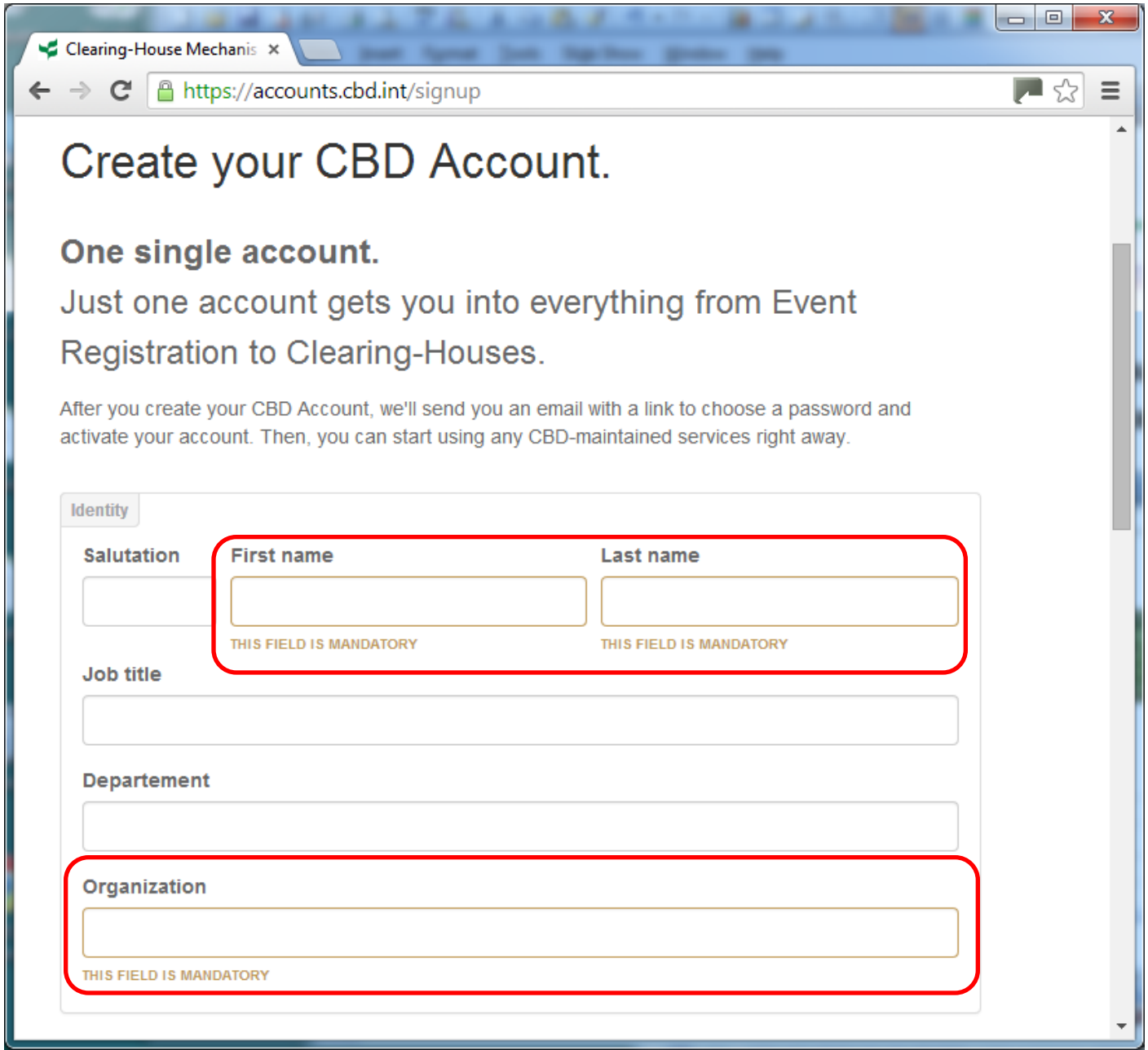
# Creating a CBD User Account



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# Signing In

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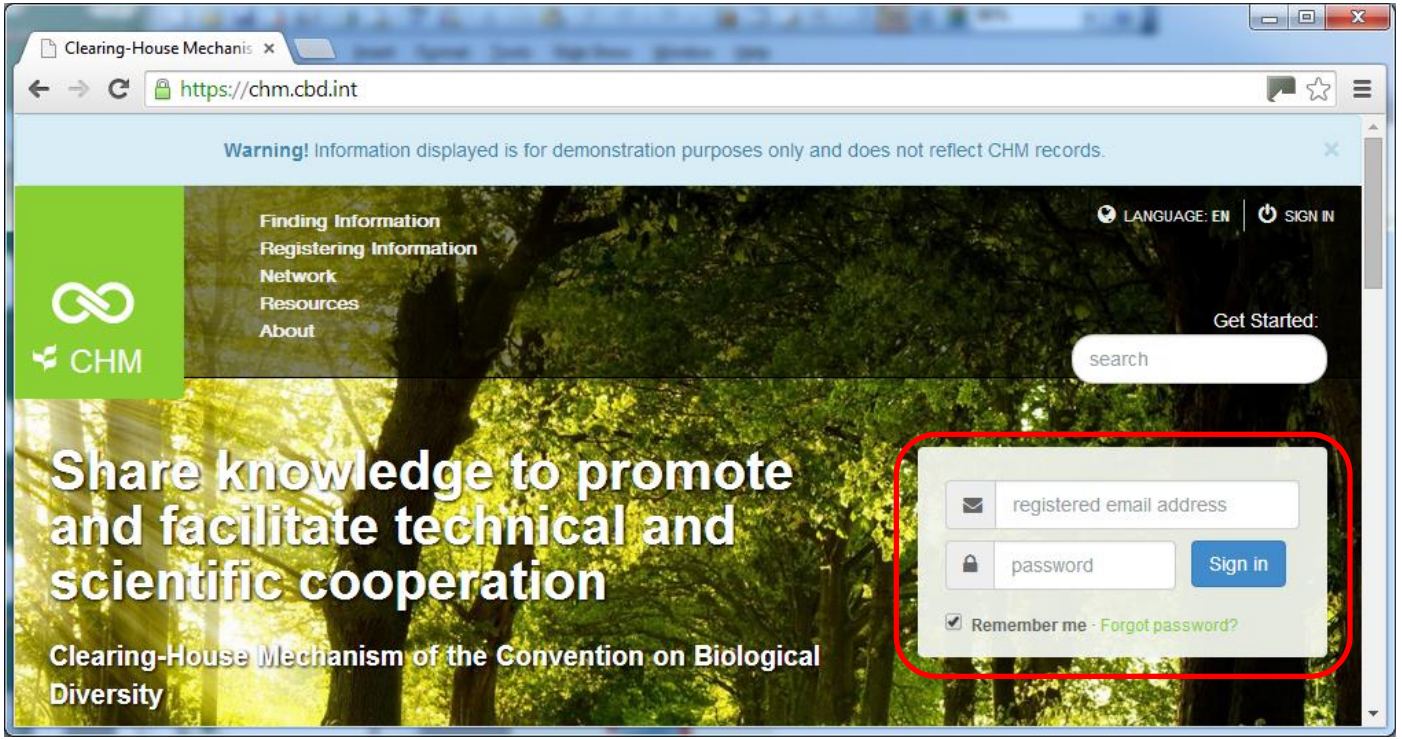
https://chm.cbd.int

**Sign in**

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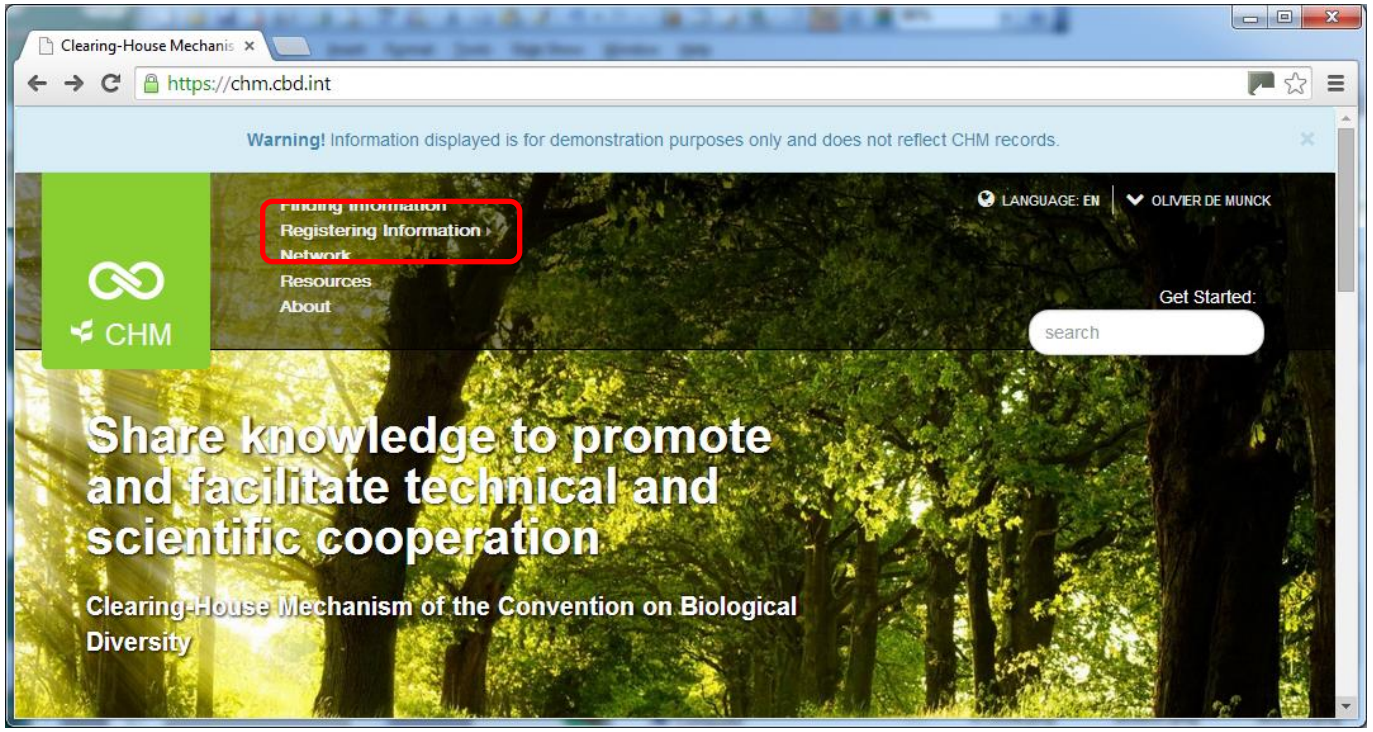
https://chm.cbd.int

**Registering Information**



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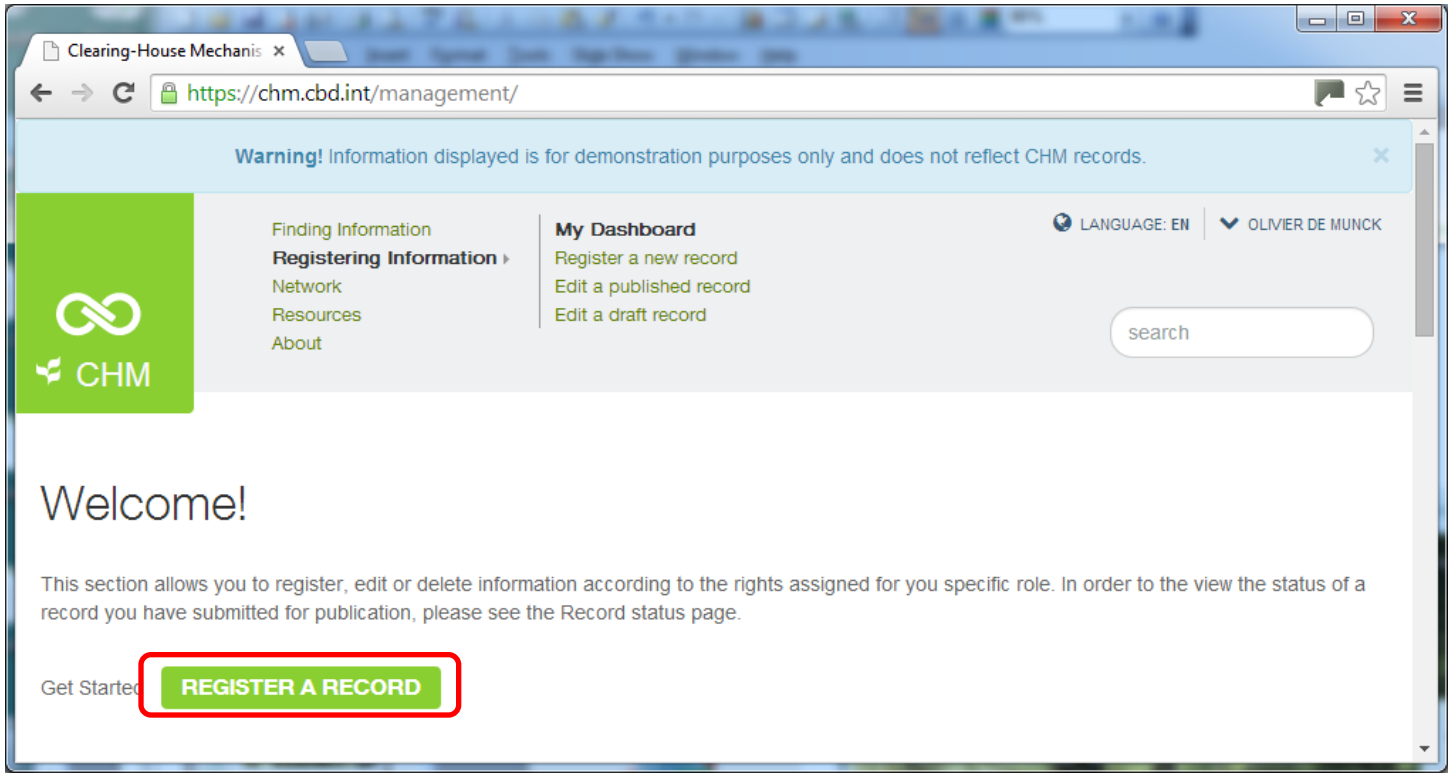
https://chm.cbd.int/management

**Register a record**

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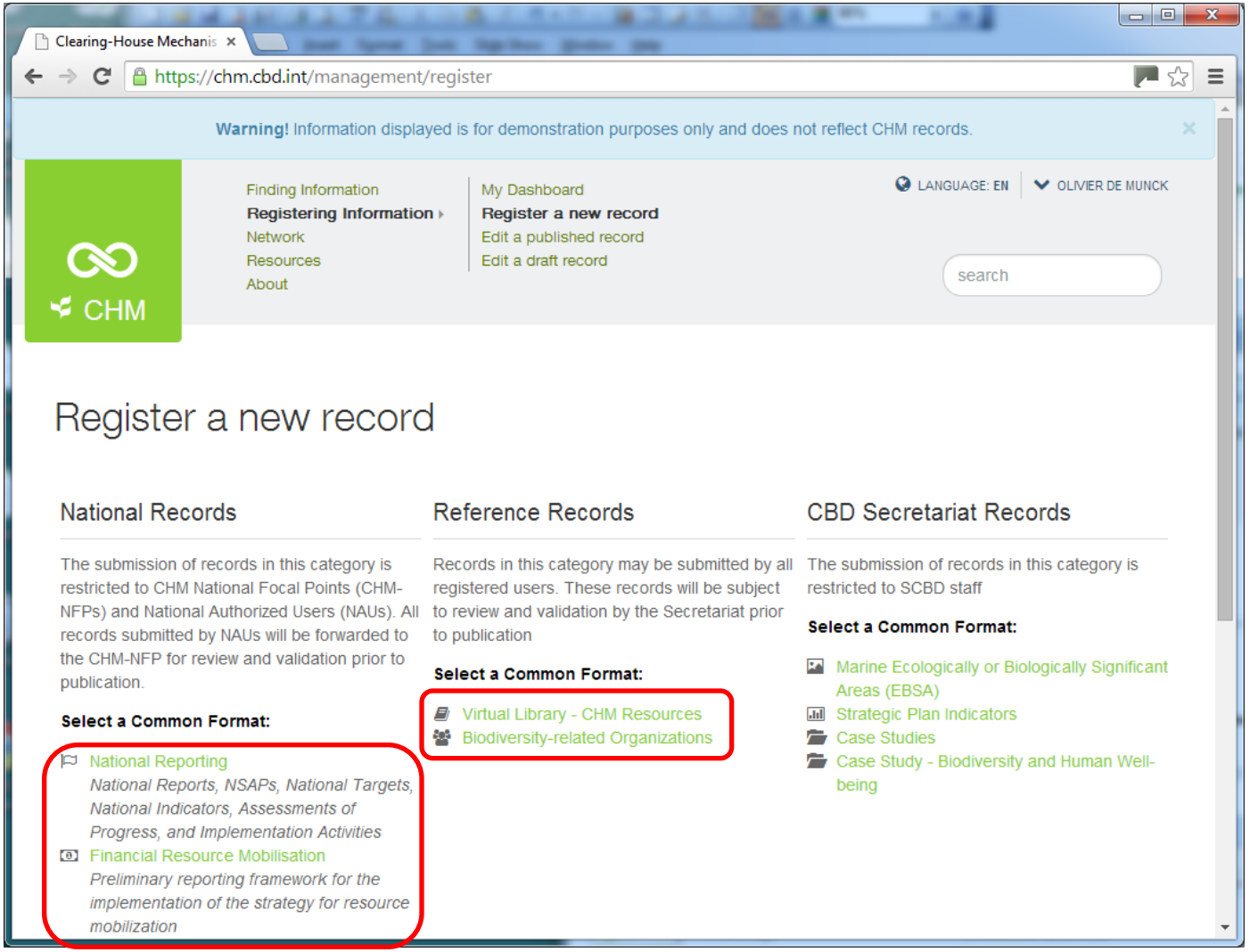
https://chm.cbd.int/management/register

**Select an information type (common format)**



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### 3 Submission workflows

| | |
|---|---|
| ***National records*** | **Submitted and validated by countries:**<br>Restricted to NFPs, and national authorized users (NAUs) appointed by the NFPs.<br>Records submitted by NAUs are forwarded to the relevant NFP for review and validation prior to publication. |
| ***Reference records*** | **Submitted by any registered user and validated by the CBD Secretariat:**<br>Submitted by any registered user.<br>Subject to review and validation by the Secretariat prior to publication. |
| ***Secretariat records*** | **Submitted and validated entirely by the CBD Secretariat** |

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### Record Types

| National records | Reference records | Secretariat records |
|---|---|---|
| – NBSAPs<br>– National reports<br>– National targets<br>– National indicators<br>– Assessments of progress<br>– Implementation activities<br>– Financial resource mobilization | – Library resources<br>– Organizations | – EBSAs<br>– Strategic Plan indicators<br>– Case studies |

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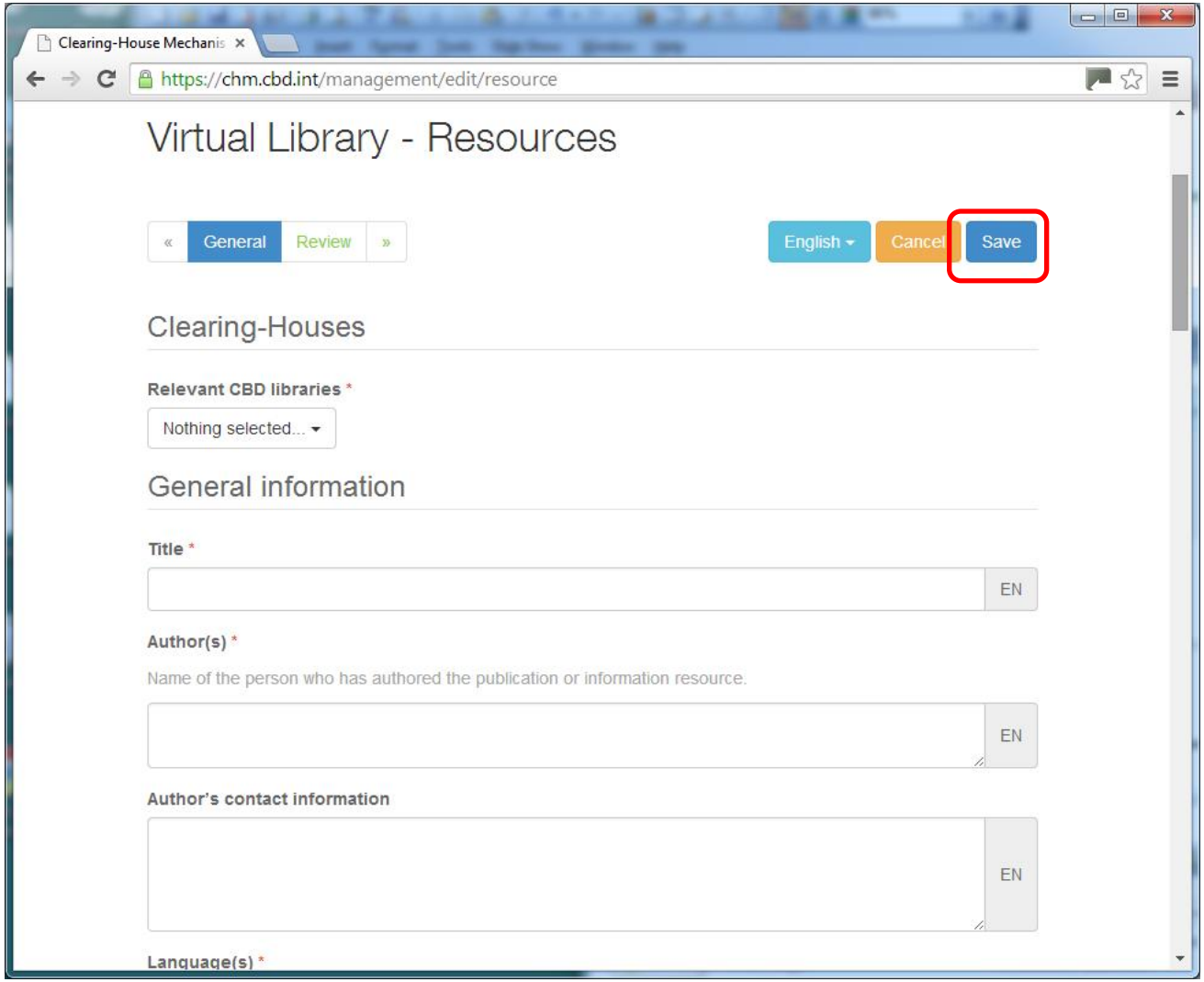
https://chm.cbd.int/management/edit/resources

**Enter record data & Save**

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# Managing Information

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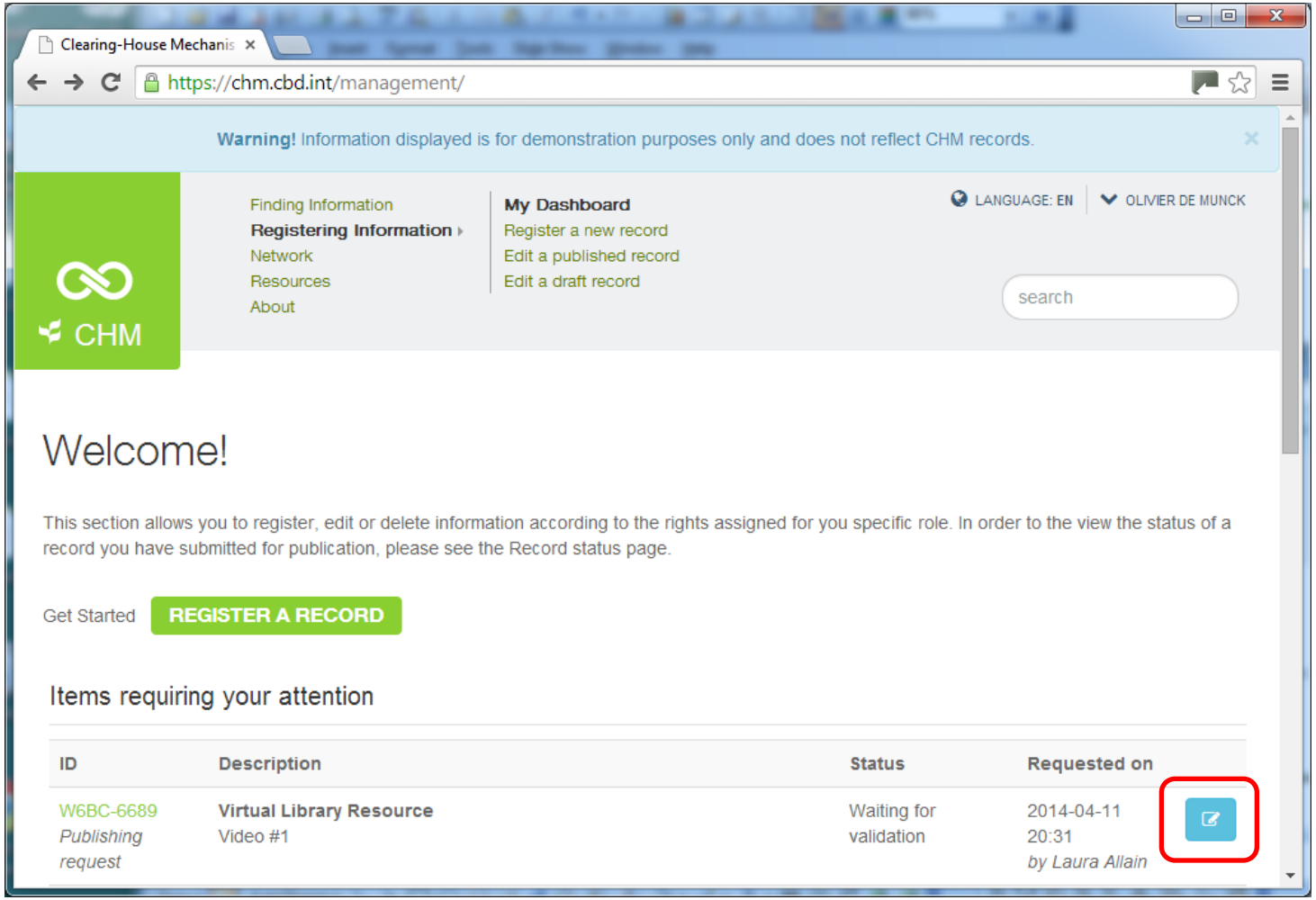
https://chm.cbd.int/management

**Manage records**

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# Finding Information

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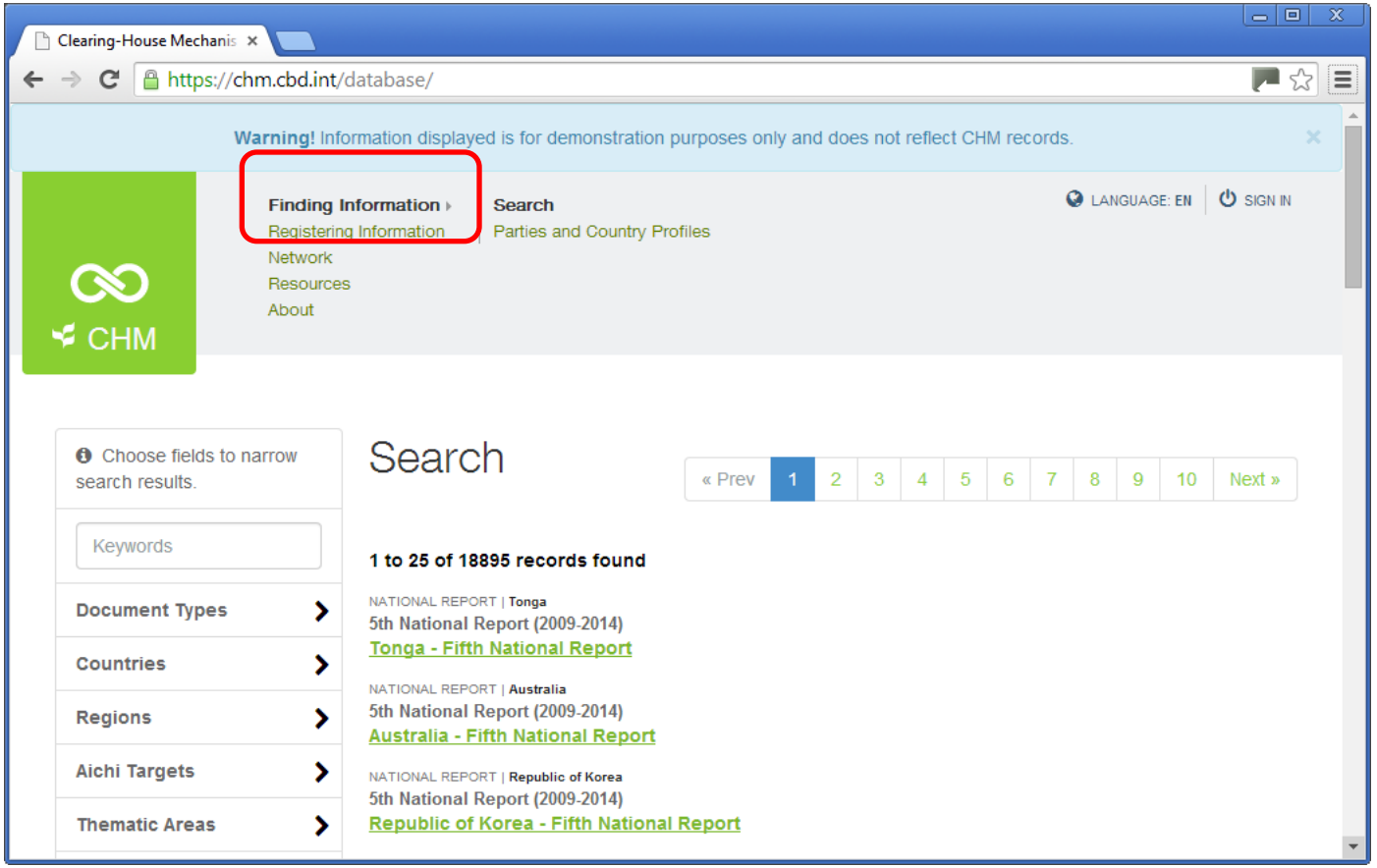
https://chm.cbd.int/database

**Finding information →faceted search engine**



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# *Common Formats & Metadata*

| | |
|---|---|
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# Formats for National Records

| *type* | *Description* |
|---|---|
| NBSAPs | For Parties to upload their NBSAPs https://chm.cbd.int/management/edit/nationalReport?type=nbsap. |
| National Reports | For Parties to upload their national reports https://chm.cbd.int/management/edit/nationalReport |
| National Targets | For Parties to specify their national targets https://chm.cbd.int/management/edit/nationalTarget |
| National Indicators | For Parties to specify their national indicators https://chm.cbd.int/management/edit/nationalIndicator |
| Assessments of Progress | For Parties to submit assessment of progress https://chm.cbd.int/management/edit/progressAssessment |
| Implementation Activities | For Parties to submit implementation activities https://chm.cbd.int/management/edit/implementationActivity |
| Guidance & Support Tools | For Parties to submit guidance and support tools https://chm.cbd.int/management/edit/nationalSupportTool |
| Resource Mobilization | For Parties to provide data on the resource mobilization https://chm.cbd.int/management/edit/resourceMobilisation |

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# Formats for Reference Records

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| *Types* | *Description* |
|---|---|
| Library resources | To submit online library resources https://chm.cbd.int/management/edit/resource |
| Organizations | To submit organizations that can referred to https://chm.cbd.int/management/edit/organization |
| Contact | To submit contacts who can be referred to https://chm.cbd.int/management/edit/contact |

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# Formats for Secretariat Records

| *Type* | *Description* |
|---|---|
| Strategic Plan Indicators | To maintain the list of SP indicators https://chm.cbd.int/management/edit/strategicPlanIndicator |
| Case Studies | To enter case studies https://chm.cbd.int/management/edit/caseStudy |
| EBSA | Ecologically or biologically significant marine area (EBSA) https://chm.cbd.int/management/edit/marineEbsa |

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# Proposed Formats for Tracking CHM Progress

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| *Type* | *Created by* | *Description* |
|---|---|---|
| National CHM Status | CHM NFP | Current status of a national CHM. Linked to a activities related the national CHM. |
| Activity | CHM NFP, SCBD, Partner | Brief general description of an activity or project related to the CHM. Linked to progress updates related to this activity |
| Progress Update | CHM NFP, SCBD, Partner | Description of some progress at a given time. Format similar to a blog post. |

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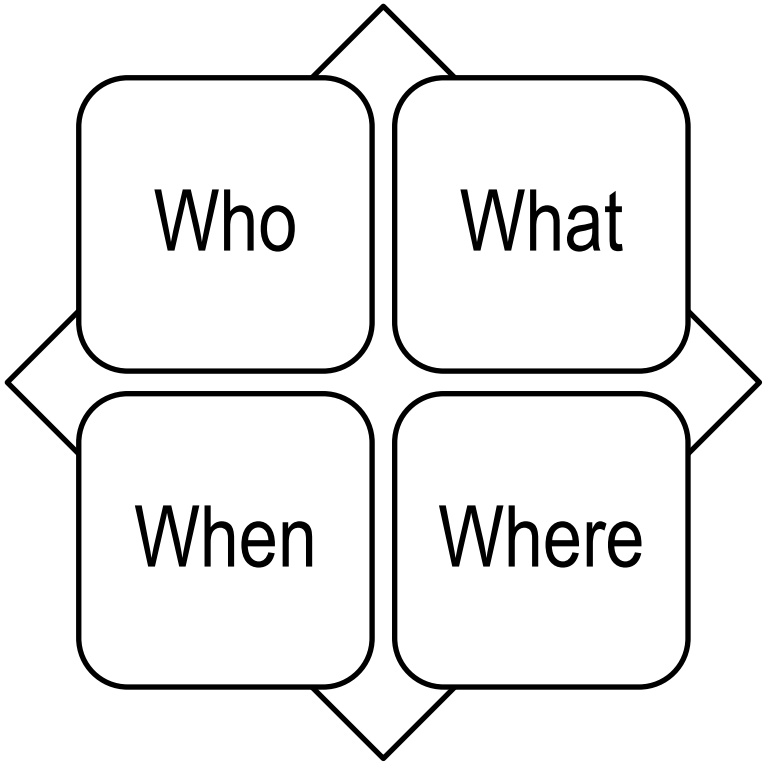
**Metadata to describe the information in each record**

→ **Details in UNEP/CBD/CHM/IAC/2014/1/INF/1**



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# Metadata types

| Content type | Description |
|---|---|
| <Text box> | Short text |
| <Text line> | Single line of text |
| <Text area> | Multi-line text description |
| <Date> | Date |
| <Number> | Numeric value |
| <Currency amount> | Amount expressed in a particular currency (e.g. USD) |
| <Yes/No> | Yes/No flag or checkbox |
| <Email> | Valid email address |
| <File(s)> | Uploaded file(s), including documents, images or other attachments |
| <URL(s)> | Insertion of one or more links (URLs) |
| <Selection(s)> | Single or multiple selection from a controlled vocabulary |
| <Reference(s)> | Single or multiple references to other submitted records |
| <Option> | Single option selection through radio buttons (typically used in questionnaires) |

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# *Overview of pending Work*

- **Look and feel**
  - Apply CBD branding and look-and-feel
- **Submission system**
  - Technical improvements
  - Interface improvements (workflow)
- **Search engine**
  - Technical improvement (search facet behavior)
  - Interface improvements (result list and details)
  - Connect to main search box
- **Interoperability**
  - Make API available and test with partners / countries
  - Maintain interoperability with InforMEA
- **Translation**
  - Interface with CAT software

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# *Additional Considerations*

- **Strategic considerations**
  - Web strategy (goals, audiences, personas, services, management, ...)
  - Integration between the CBD website and its clearing-houses
  - Integration of new and existing data (single update point)
  - Use of content management system (CMS) or other tools/frameworks
  - Web development (in-house, outsourced, with key partners)
  - Maintenance, sustainability & extensibility

- **Website management services**
  - Web statistics & analytics
  - Feedback form
  - Web pages & menu management
  - Web page translation tools

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# *Final Comments*

- **Overview of progress on central CHM since COP 11**
- **Advice from CHM-IAC members is important**
  - To meet Parties expectations
  - To have an effective CHM
  - To be cost-effective and sustainable
- **This meeting is an opportunity to**
  - Further investigate CHM matters
  - Make sound recommendations
- **Questions or comments**

***Thank you***

*Meeting of the Informal Advisory Committee to the Clearing-House Mechanism (CHM-IAC)*

*13 - 14 June 2014* *Montreal, Canada*

# *Progress in the development of the Central Clearing-House Mechanism*

*Olivier de Munck, CHM Programme Officer, CBD Secretariat*
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